

## ABSTRACT

A system and related methods for beamforming in a multi-point communication environment is presented. According to one aspect of the invention, a method comprising identifying one or more target(s) for which a communication signal is intended, identifying one or more other  
5 target(s) which may benefit from receipt of the communication signal, and developing a multi- lobe beampattern to transmit the communication signal to the intended target(s) and the identified one or more other target(s).

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